

**FIG.1**

PACKET TRANSMISSION CONTROL SIGNAL  
 PACKET DATA  
 DL\_TPC COMMAND  
 5 DEDICATED DATA CONTROL SIGNAL  
 SHARED CONTROL DATA  
 UL\_TPC COMMAND  
 CONTROL SIGNAL (DL\_TPC COMMAND, CQI, ACK/NACK, ETC.)  
 RECEIVED DATA  
 10 151 SCHEDULER  
 160 OFFSET

**FIG.2**

UL\_TPC COMMAND  
 15 204 BUFFER  
 207 ERROR DETECTION  
 RECEIVING PACKET DATA  
 RECEIVED DATA  
 TRANSMITTING DATA  
 20 DL\_TPC COMMAND

**FIG.3**

ACK/NACK SIGNAL  
 CQI SIGNAL  
 25 PACKET TRANSMISSION CONTROL SIGNAL  
 301 TRANSMISSION DESTINATION DETERMINER  
 302 MCS DETERMINER

303 PACKET QUALITY ESTIMATOR  
304 TRANSMISSION POWER DETERMINER  
305 HS-SCCH SIGNAL GENERATOR  
TO BUFFER 152  
5 TO MODULATOR 153  
TO TRANSMISSION POWER CONTROLLER 154  
TO AMPLIFIER 161

**FIG. 4**

10 BASE STATION APPARATUS  
F402 MCS SELECTION  
F407 PACKET QUALITY ESTIMATION (ESTIMATED FROM CQI)  
F408 (RETRANSMISSION POWER DETERMINATION)  
F409 PACKET #I (RETRANSMISSION)  
15 COMMUNICATION TERMINAL APPARATUS  
F404 DECODING

**FIG. 5**

PACKET TRANSMISSION POWER (BASE STATION APPARATUS)  
20 PACKET #I  
CIR (COMMUNICATION TERMINAL APPARATUS)

**FIG. 6**

ACK/NACK SIGNAL  
25 CQI SIGNAL  
PACKET TRANSMISSION CONTROL SIGNAL  
301 TRANSMISSION DESTINATION DETERMINER

302 MCS DETERMINER  
 303 PACKET QUALITY ESTIMATOR  
 304 TRANSMISSION POWER DETERMINER  
 305 HS-SCCH SIGNAL GENERATOR  
 5 TO BUFFER 152  
 TO MODULATOR 153  
 TO TRANSMISSION POWER CONTROLLER 163  
 TRANSMISSION POWER CONTROLLER 154  
 TO AMPLIFIER 161  
 10  
**FIG. 7**  
 ACK/NACK SIGNAL  
 CQI SIGNAL  
 PACKET TRANSMISSION CONTROL SIGNAL  
 15 301 TRANSMISSION DESTINATION DETERMINER  
 302 MCS DETERMINER  
 303 PACKET QUALITY ESTIMATOR  
 304 TRANSMISSION POWER DETERMINER  
 305 HS-SCCH SIGNAL GENERATOR  
 20 701 CODING PRIORITY DETERMINER  
 TO BUFFER 152  
 MODULATOR 153  
 TRANSMISSION POWER CONTROLLER 154  
 AMPLIFIER 161

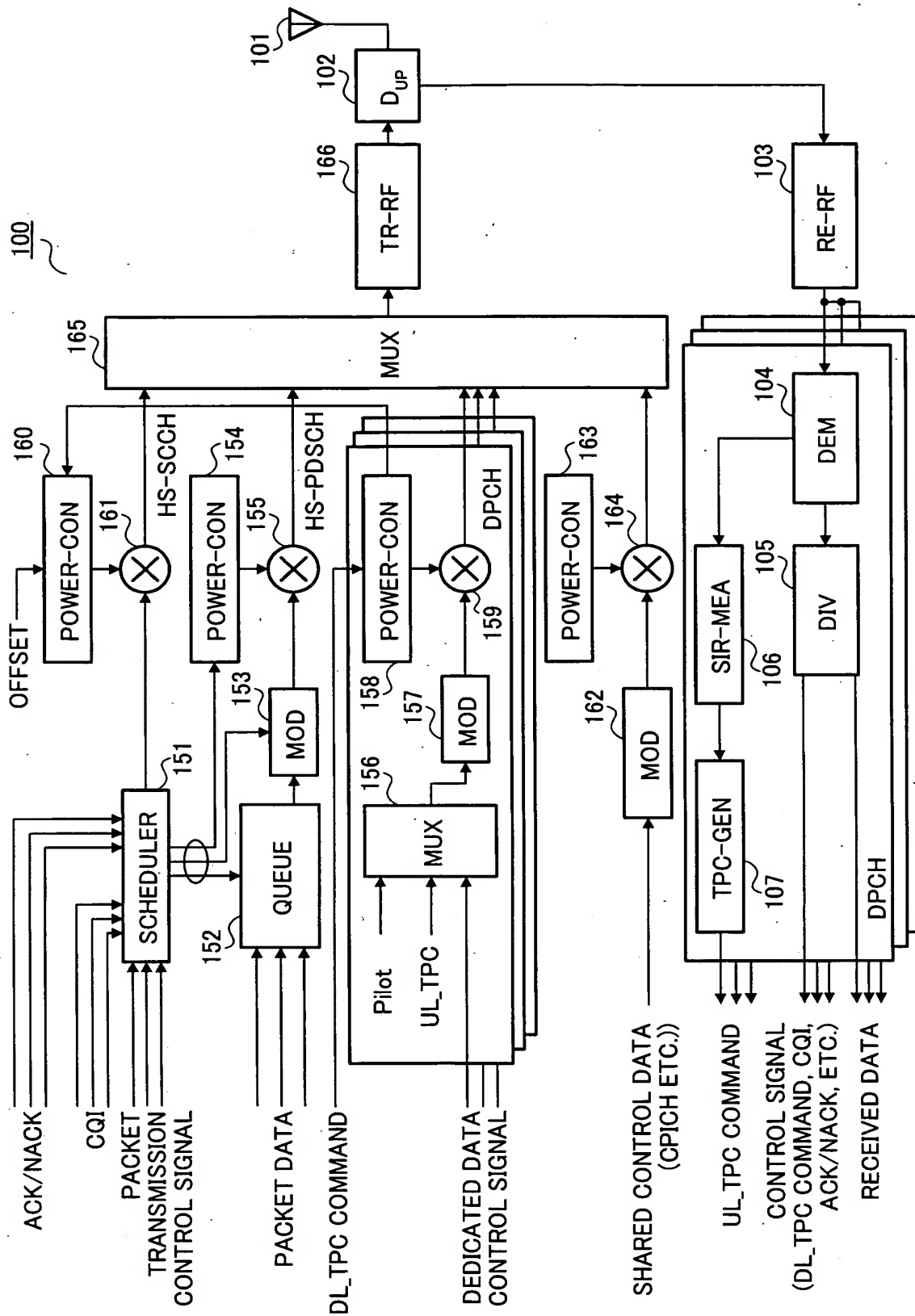


FIG.1

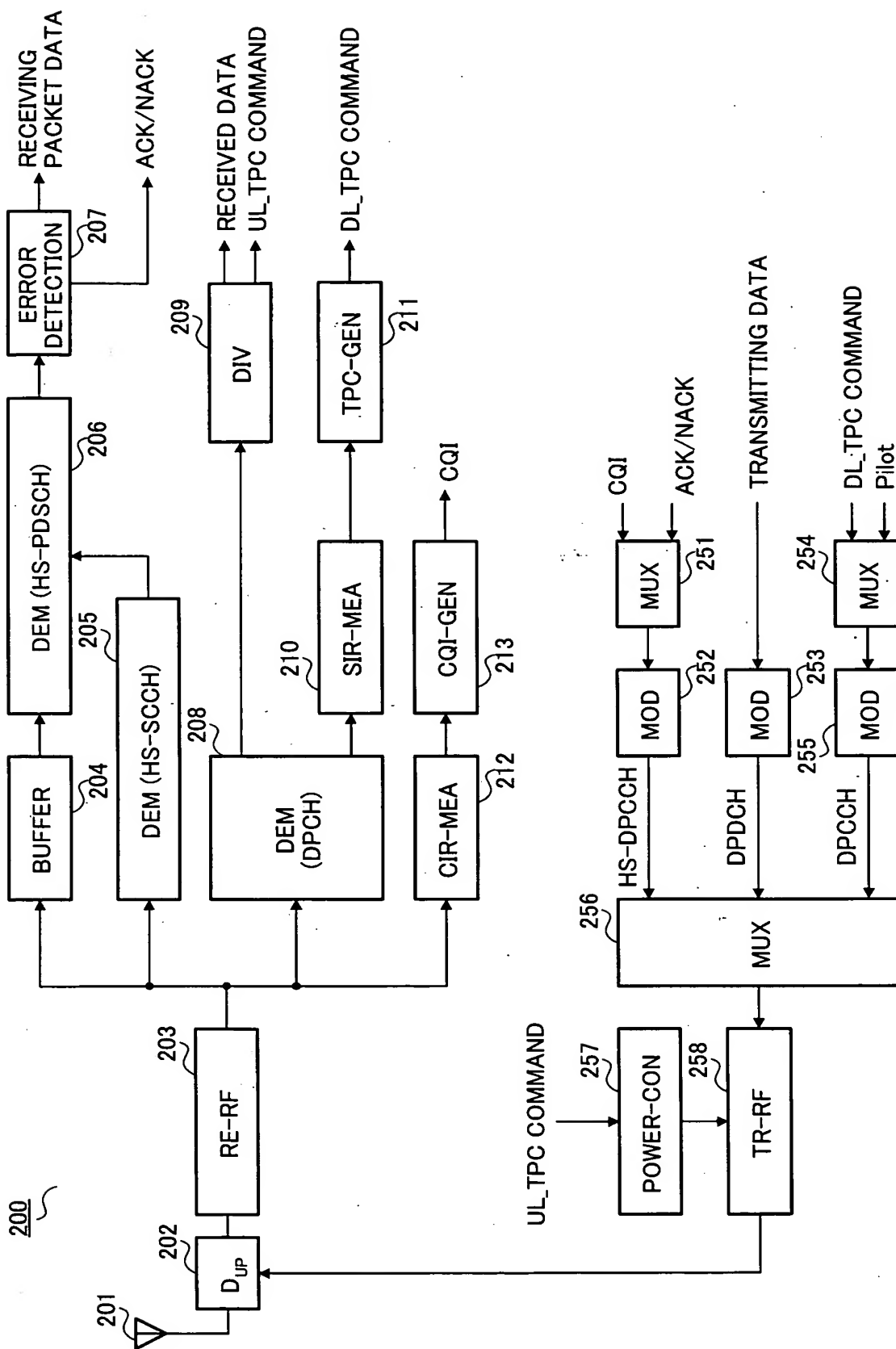


FIG.2

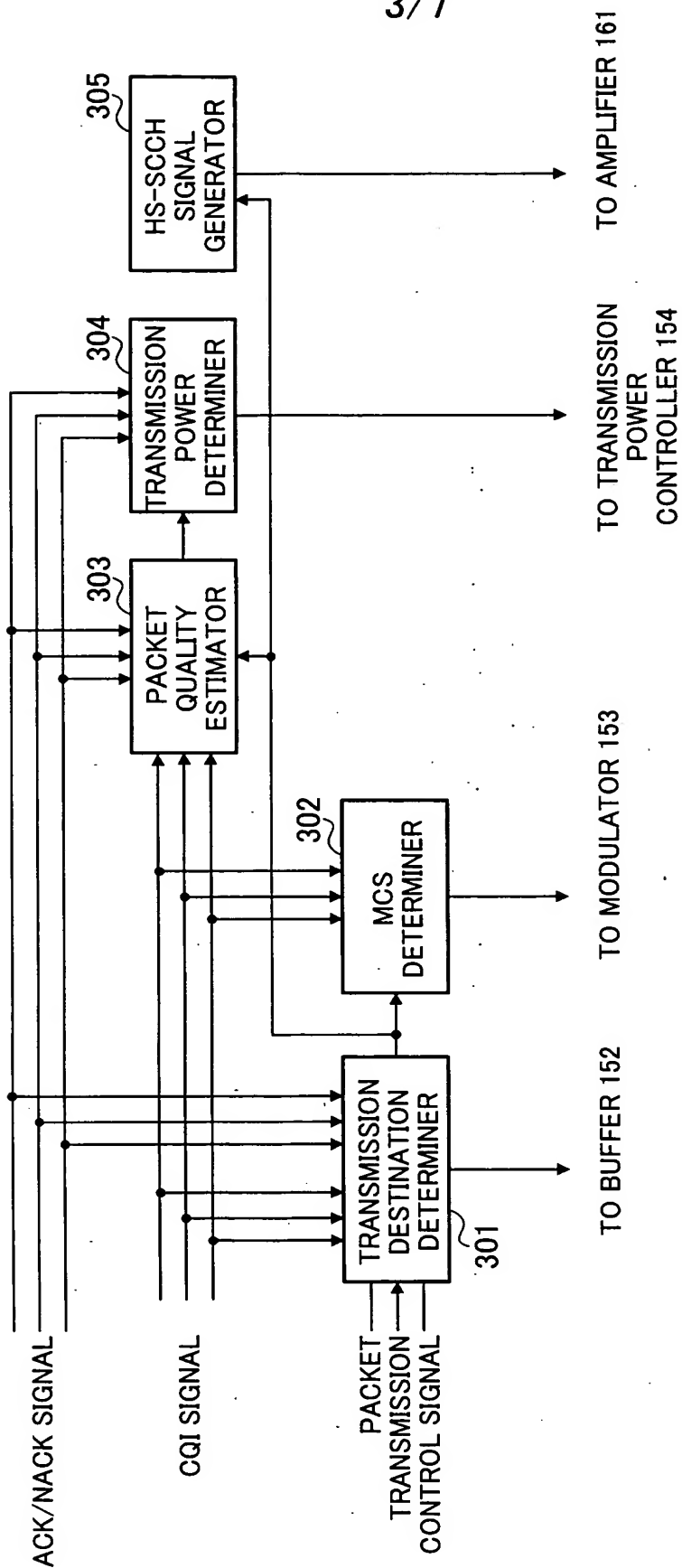


FIG. 3

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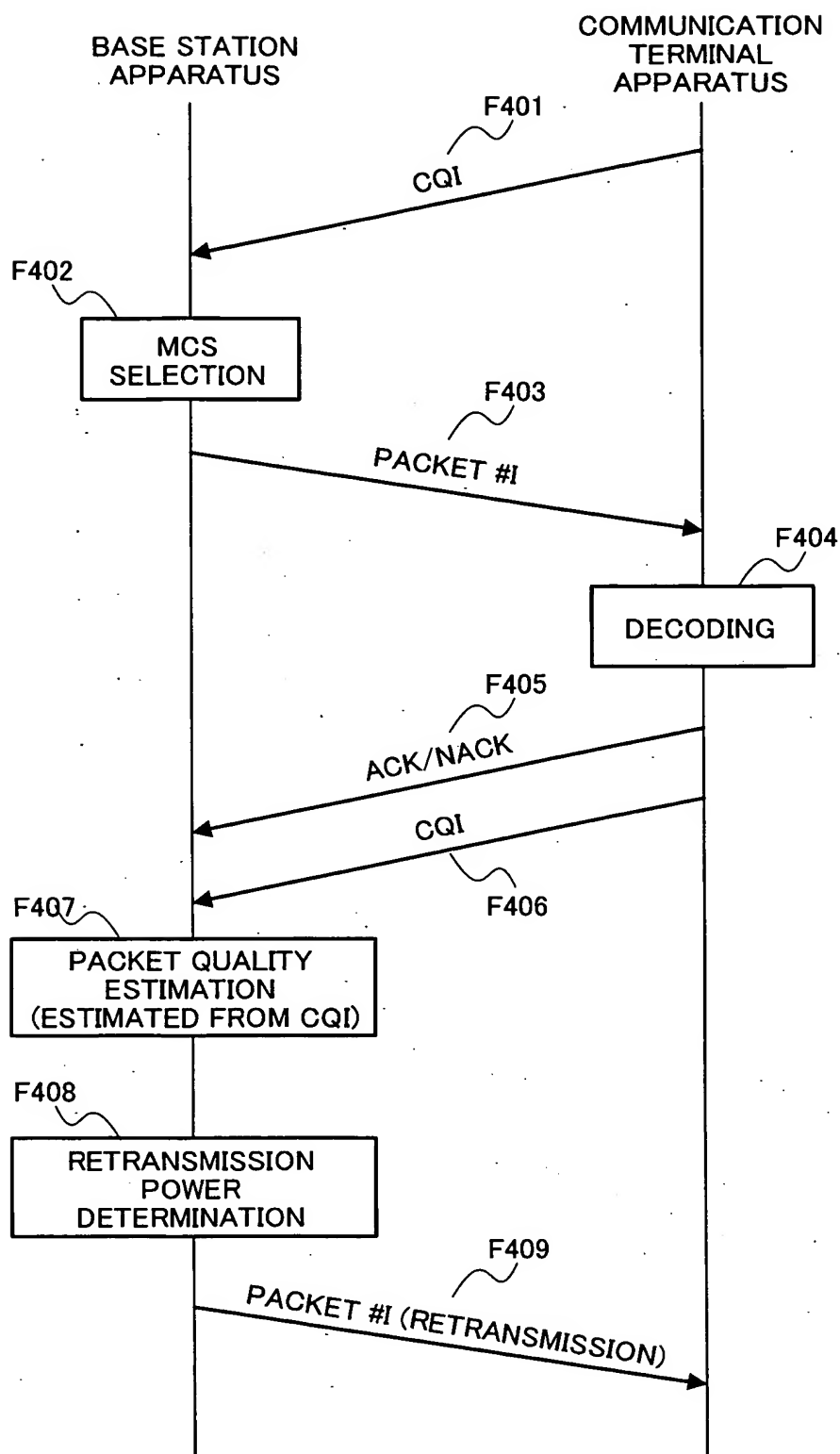


FIG.4

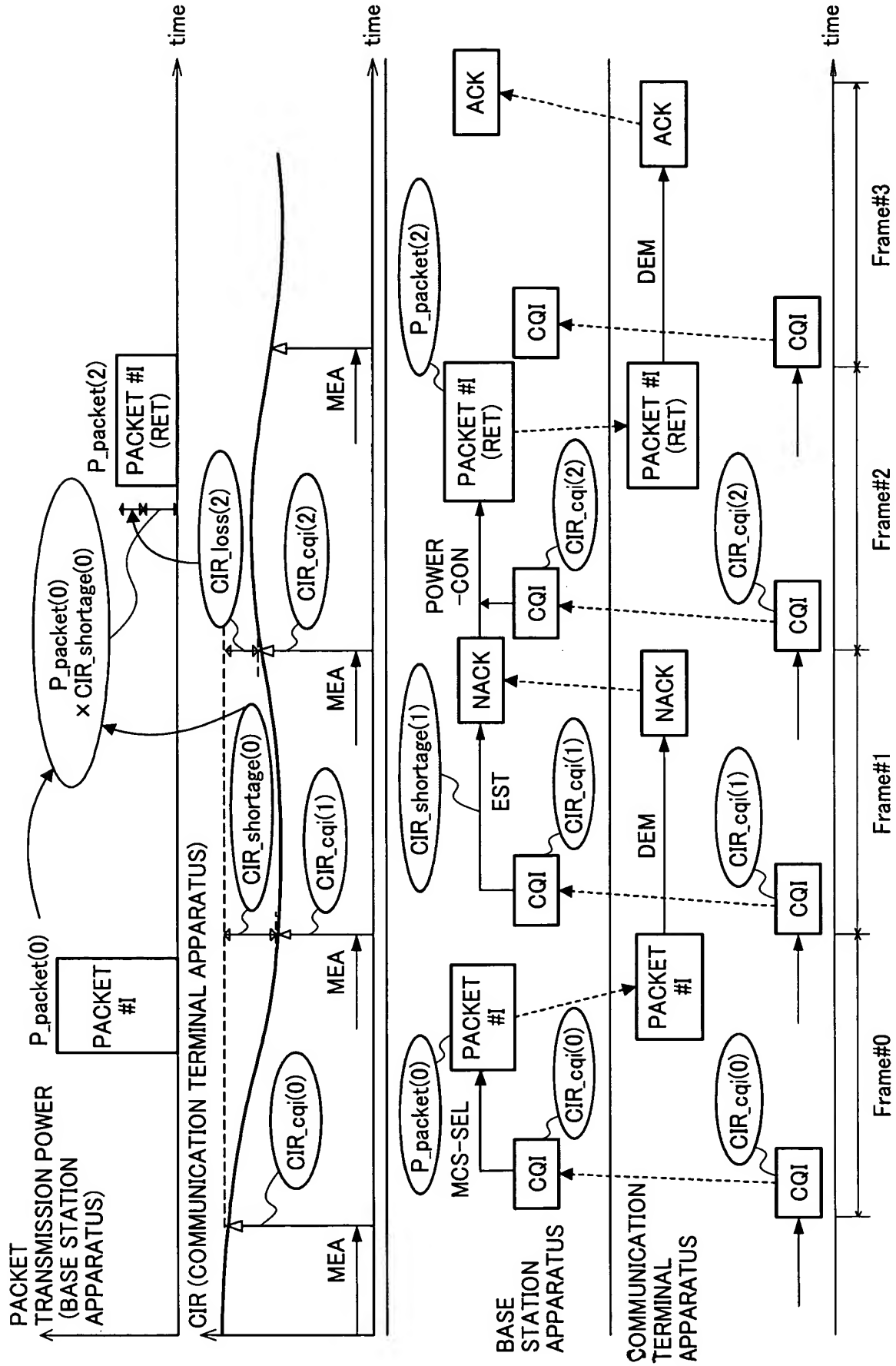


FIG. 5



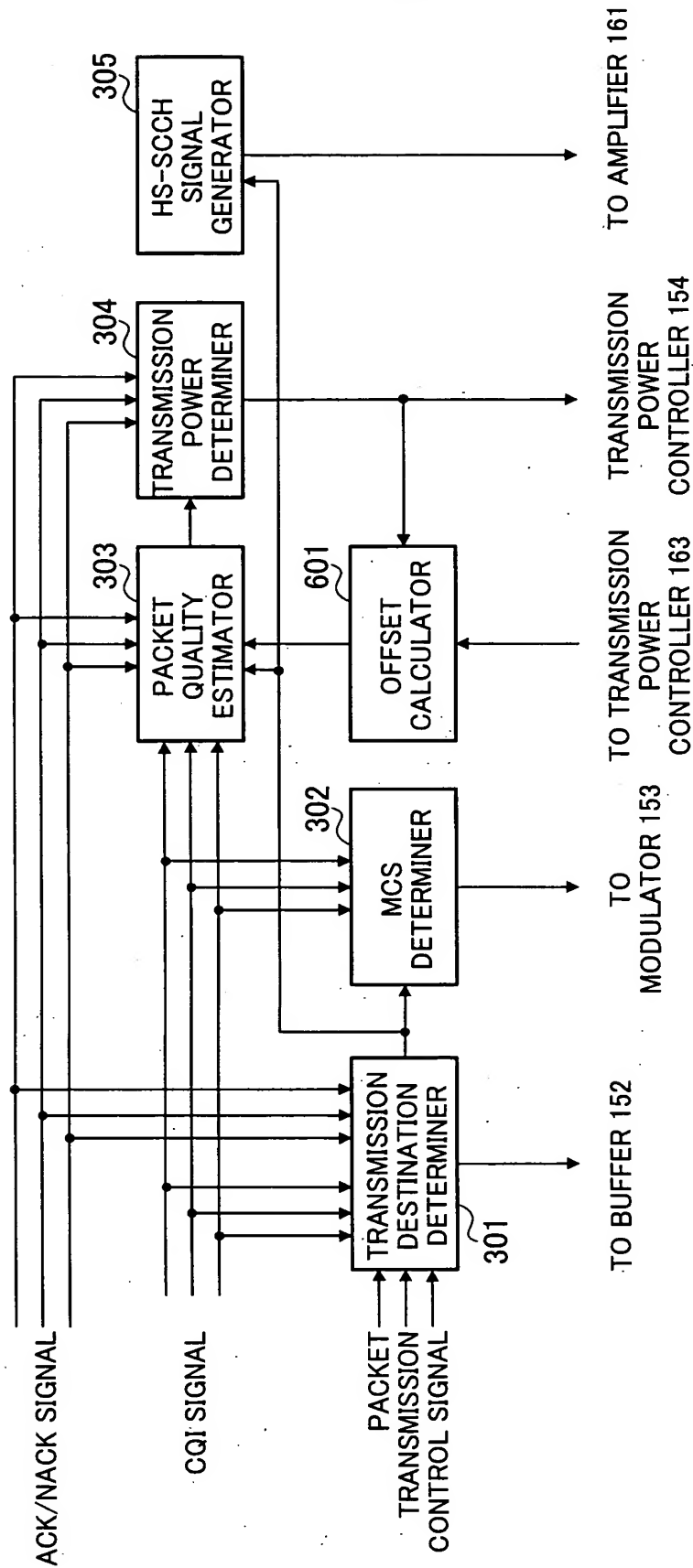
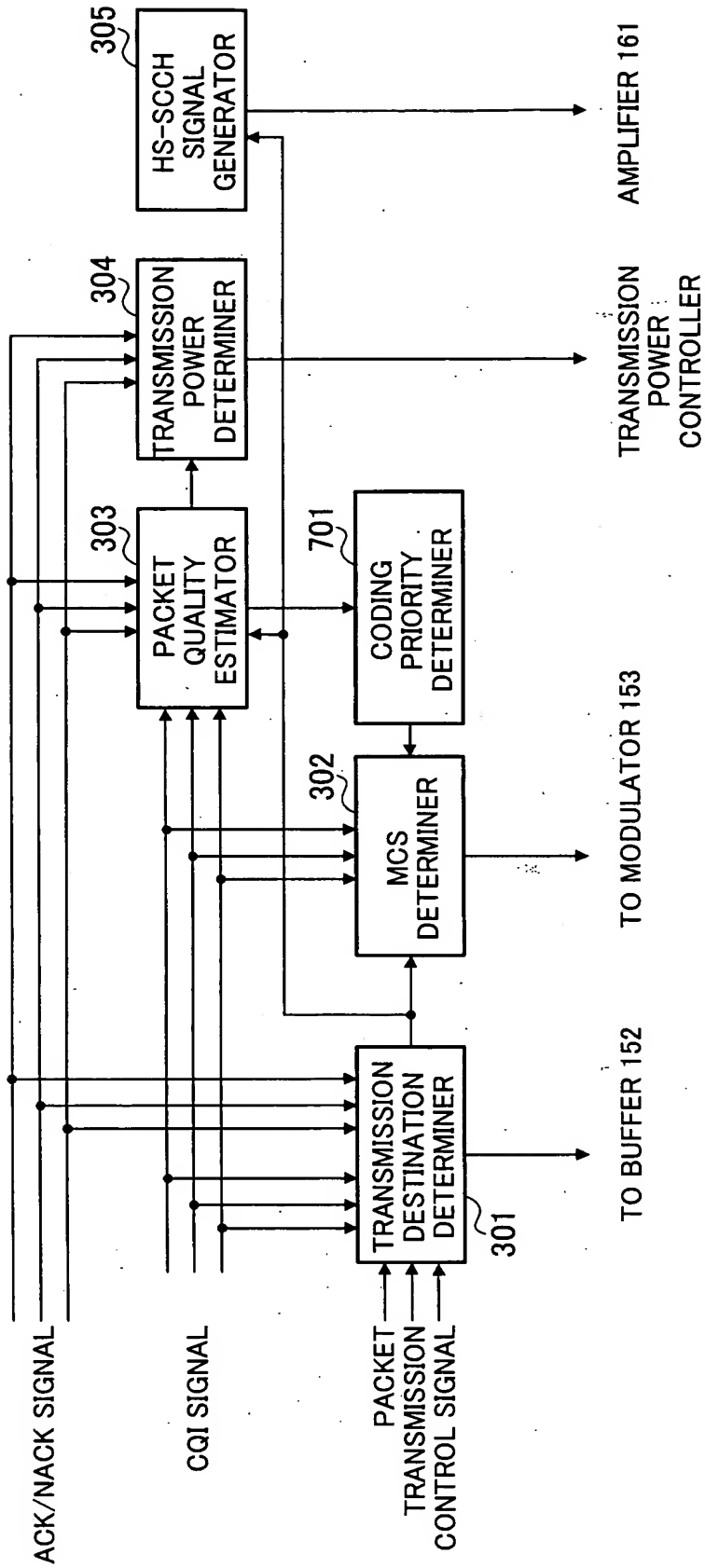


FIG.6



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FIG. 7